

Converting Colors

Hex(355B38)

Have a look what the booklet for
Hex(355B38) contains.

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Color

Hex(355B38)

Conversions

Conversions Part 1

Format	Color
Hex	355B38
RGB	53, 91, 56
RGB Percent	21%, 36%, 22%
CMY	0.7922, 0.6431, 0.7804
CMYK	0.42, 0.00, 0.38, 0.64
HSL	125°, 26%, 28%
HSV	125°, 42%, 36%
XYZ	5.9231, 8.5246, 5.0746
YIQ	75.6480, -11.4130, -18.9410

Conversions

Conversions Part 2

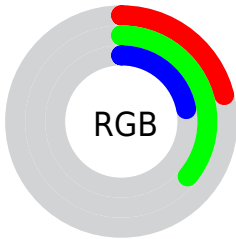
Format	Color
RYB	53, 88, 91
Decimal	3496760
CIELab	35.05, -21.82, 16.05
CIELCh	35, 27.086, 143.670
Yxy	8.5246, 0.3034, 0.4367
Android (android.graphics.Color)	4281686840 (0xFF355B38)
YUV	75.6480, -9.6865, -19.8623
Hunter-Lab	29.1969, -14.8827, 10.1328

Details

The Hex color **355B38** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B3558**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **668D67**, and **062D0D** is the 20% darker color. If you saturate the color by 10%, you get **2C5B30**, and if you desaturate by 10%, it is **3E5B40**.

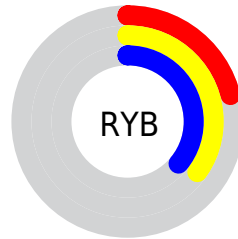
Distribution



Red (21%)

Green (36%)

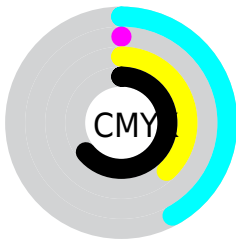
Blue (22%)



Red (21%)

Yellow (35%)

Blue (36%)

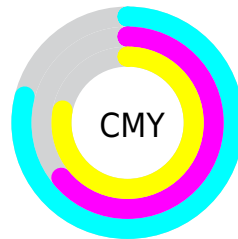


Cyan (42%)

Magenta (0%)

Yellow (38%)

Black (64%)



Cyan (79%)

Magenta (64%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355B38 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 355B38 by changing the saturation by 10% instead.



355B38



355B38

FFFFFF



1E4322



668D67



062D0D



7FA880



001A00



9AC39B



000000



B5DFB5



D1FCD1



EDFFED



355B38



355B38



2C5B30



3E5B40

■ 235B27

■ 475B49

■ 1A5B1F

■ 505B51

■ 115B16

■ 595B5A

■ 085B0E

■ 635B62

■ 005B07

■ 6C5B6A

■ 755B73

■ 7E5B7B

■ 875B83

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4F562A



355B38



0F5D4D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



355B38



24567D



7B4242

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



355B38



5B3558

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



784158



355B38



4D4F7A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



355B38



005B75



69466C



744830

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



355B38



005E5C



69466C



7C4149

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



355B38



667567



585B35



313B32



BABABA



3B3B3B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



355B38



3B753F



355B4B



292E2A



006E09



00ED13

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5B3558



753B71



5B3545



2E292E



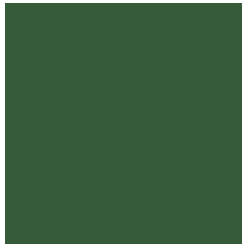
6E0065



ED00DA

Previews

White Background



This preview shows how the Hex color 355B38 looks on a white background.

Color Contrast Check

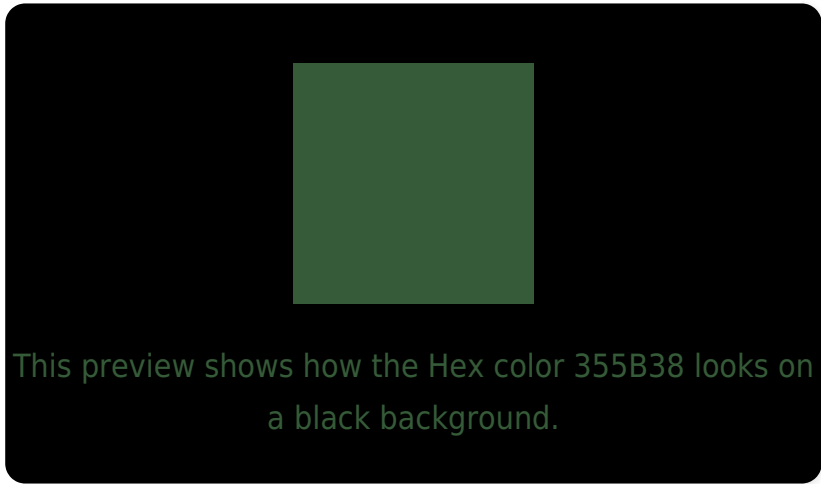
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

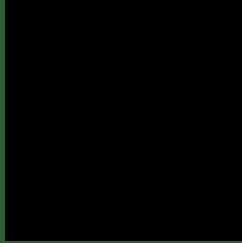
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 355B38 Background



This preview shows how black text looks on a background with the Hex color 355B38.



This preview shows how white text looks on a background with the Hex color 355B38.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
355B38

Protanopia
595234

Deuteranopia
624F3B

Trichromacy



Original Color
355B38

Protanomaly
4C5535

Deuteranomaly
52533A

Tritanomaly
3A5850

Monochromacy



Original Color
355B38

Achromatopsia
4C4C4C

Achromatomaly
445145

CSS Examples

Text

The CSS property to change the color of the text to Hex 355B38 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #355B38 looks like.

```
.text, #text, p{  
    color:#355B38  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #355B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355B38
}
```

Border

The CSS property to change the border of an element to Hex 355B38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#355B38 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#355B38 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #355B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355B38; -webkit-box-shadow:4px 4px  
4px 4px #355B38; box-shadow:4px 4px 4px  
4px #355B38 }
```

Background

The CSS property to change the background color of an element to Hex 355B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355B38 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#355B38 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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